

Reliance Industries Repol H080EY Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

REPOL Polypropylene H080EY is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system. Repol H080EY is recommended for use in TQ (Tubular water Quench) and Cast Film. It contains slip and antiblock additives. Repol H080EY is an ideal material for textile overwraps, packaging of readymade garments, snack food, grocery and general purpose packaging. Features: Consistent processability at high production rates High melt strength Good heat seal strength Good gloss and clarity Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-Repol-H080EY-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	50mm/min; ASTM D638
Elongation at Yield	10 %	10 %	50mm/min; ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	1% secant; ASTM D790A
Izod Impact, Notched	0.380 J/cm @Temperature 23.0 °C	0.712 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	99.0 °C	210 °F	ASTM D648

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